fertilizers had not caught a firm grash. It is different to-day—the stimulant has been applied in superabundance and with such regularity that it craves a continuance of increased applications. Then it was that Mr. Tilley resolved to begin his experiment with the view of improving his seed by the nonuse of commercial fertilizers. He selected a plot of ground easily productive or corn at the rate of thirty bushels to the acre. The aced plants grew to the height of five feet the first year, and have increased in height each year thereafter. The field of 1,009 hills, planted exclusively for seed production, this year contains on an average of twenty-four leaves to the stalk, and the height of more of plants measured ten feet in height. Another observation worthy of mention is that these plants produce the largest and most likely leaves near the top of the stalk—contrary to tobacco land saturated with fertilizers. A sprinkling of stable manure and ashes are the only stimulants applied to this seed crop.

The tobacco crop of Mr. Tilleys of last season compared with the crop the first year of his experiment showed an increase of 50 per cent in weight. He produced in the 1512 season 1.716 portions of \$44.50,000 and the portion worthy of the corn time first year of his experiment showed an increase of 50 per cent in weight. He produced in the 1512 season 1.716 portions the contrary to tobacco erop of Mr. Tilleys of last season compared with the crop the first year of his experiment showed an increase of 50 per cent in weight. He produced in the 1512 season 1.716 portions the cent of the cent of

ily toward the production of a uniformly proportioned crop of tobacco-iree from faulty plants of dwarfish size. Then, too, the s-tection of a correct analysis of fertilizers for the various types of soils is a factor that should be safeguarded.

FACTS FROM AFAR.

Brieflets of a More or Less Industrial Character From the Whole World. Cuba's 1914 sugar crop is estimated

Cuba's 1914 sugar crap is estimated at 2.575,006 tons.

There are 3.039 public schools and 317,075 pupils in Chile.

The United States mines five tons of coal a year for every inhabitant.

Chinese are resorting to beans to replace poppy culture, now illegal.

The federated Malay states, in June, appending 2205 tons of plantation pupils.

exported 2,306 tons of plantation rub-Pennsylvania has 3,130,631 persons

ten years and over in age in gainful occupations. It has been estimated that 4,708,000,

States each year.
The fishes of America north of the Isthmus of Panama embraces 3 classes, 30 orders, 223 families, 1,113 genera, 335 subgenera, 3,263 species and 133

As a substitute for red in danger signals, which is the color less easily distinguished by the color blind, ex-

distinguished by the color blind, experts have advocated blue circles with wide yellow rims.

Because frosts do the most damage when the air is calm, a Paris scientist has advanced the theory that orchards and vineyards can be protected by electric fans to keep the atmosphere maying.

moving.

The dimensions to which the graphophone business has grown may be judged from the fact that Caruso is receiving \$80,000 a year in royalities on the new records which he has made.

Ireland has \$4,869 landholders having plots not exceeding an acre, 61,780 who hold more than one acre and not more than five acres; 153,299 under fifteen, and 136,058 not exceeding thirty acres.

thirty acres.
Of the 7,500,000 mules that are estimated in the world, more than half are in the United States; no other country is credited with 1,000,000.
Spain comes nearest, with about \$10,-000.

In Vermont 5,076,375 maple trees were tapped this year, and nearly as many more are available for tapping. In 1912 6,682,063 pounds of sugar and 455,403 gallons of sirup, valued at more than \$1,000,000, were made.

POSTPONING COTTON BUYING.

Buyers Holding Off—Heavy Sight Receipts May Be Carried.

NEW YORK, August 29.—Records of former years will be of little avail in anticipating the amount of cotton buying for foreign account this year. Even domestic buyers are holding off and mills are non-committal. Usually the Japanese are among the earliest in the field to get what they want. But this year they are reported as having withdrawn from the Southwest. The British arrangement to keep out of the market before September 1 appears now to have been extended until October 1.

How large a weight of sight receipts there will be carried by that time may be gathered from the ginning returns. Up to September 1 last year 724,006 bales were ginned. In the preceding year 729,926 bales were ginned to September 1. By September 25 last year 3,227,851 bales were ginned, compared with 3,005,934 in 1912 and 3,676,594 in 1911.

STEEL CONDITIONS.

Steel Companies Securing Better Pro-fits, but Orders are Not Large. PITTBURGH, PA., August 29.—Better prices for material are adding to the profits of the steel companies, and the

Bankers of Gotham Insist Upon Lion's Share of Uncle Sam's Money Favors. According to the Wall Street Jour-nal, the bankers of New York are go-

soon be cleared away, were it not for the fact that the future is fraught with a good deal of uncertainty. It is not known to what extent the local banks may have to encreach upon their reserves. In the first place, there is the uncertainty regarding the war, how long it will last, and what unforseen calamities it may yet bring forth. In the next place, our banks are confronted with certain obligations to meet abroad, which may or may not be offret by other credits. Lastly there is the financing of the cotton cone conclusion that much of our usual exports of this commodity will remain here, and consequently must be carried by the banks. That is the bankers ust now every hit as conciliant.

THE RIGHT TOBACCO SEED:
THE WAY TO OBTAIN THE MAY THE MAY TO OBTAIN THE MAY TO OBTAIN THE MAY THE MAY TO OBTAIN THE MAY THE MAY TO OBTAIN THE MAY TH

Panama Canal, has been made by officials of Grace & Co., the American-Class of Grace & Co., the American-Hawatian and Luckenback Steamship Lines. A revolution in trade conditions between the Pacific and Atlantic seaboards regions, especially California. The time was when it did a greater tobacco business in that part of the world than now. The time has come to reestablish old trade relations and extend new business in that direction.

Announcement of wholesale reductions in freight rates between San Francisco and the East, effective im-



thon of daily service by the user. Geo. C. White



not be questioned. It has been tests and gruelling speed contests with the world's most carefully built racing cars, as well as in the mara-

WE TAKE PLEASURE IN ANNOUNCING THAT

We Have Just Opened Our New and Up-to-Date Establishment

At 204 North Jefferson, with a complete and fresh line of Mohairs, Linings, etc. We will be pleased to answer your every requirement.

Standard Auto Top Co. STANDARD OF PRICE, QUALITY AND WORKMANSHIP.

VIRGINIA LONG FIGSTEM

Virginia Product That May Profit by Doings

great problem facing the New York bankers just now, every bit as compli-cated, in fact, as the movement of grain at the moment."

In Europe, are trying to make us think across the waters is going to

comes from Vienna, briar root France, and number from Ger-Of these materials the concern of advertising their fertilizer.

The yielding capacity of Mr. Tilley's land is not confined to producing to-bacco. He produces two other crops wearly—wheat and rye—and the fourth yearly—wheat and rye—and the fourth yearly—yearly—wheat and rye—and the fourth yearly—wheat and rye—and the fourth yearly—yearly—wheat and rye—and the fourth yearly—wheat and rye—and the fourth yearly—yearly—wheat yearly—yearl Journal says:

"Last month the Treasury Department announced that it would put 534,006,000 of public funds in the banks for moving the crops. It will be re-

Efficient Garage Service Pays for Itself

Some day, doubtless, you will sell your car or trade it in for a new one.

The question is, "What price will it bring"?

If properly cared for now, it will command a good sum then.

The difference between what you can get and what you may get is considerable.

It is probably an amount sufficient to cover, for months to come, our modest charges for expert and daily attention.

Why not phone for our representative to call and talk it over?

New parts for all makes of cars can be quickly and perfectly made in our repair shop -- the largest in the South. Additional machinery recently installed, enables us to create new parts as well as to install them.

THE BELL-VUE GARAGE,

1217 West Broad Street

Phones Madison 1106-7

THE BROAD STREET GARAGE,

1631 West Broad Street

Phone Madison 1640

TALK TO A. ZACHARY

Reo the Fifth \$1,175 Equipped F. O. B. Langsing

It Took Courage to Build This Car

the Fifth men called him an extremist. The factory cost was \$200 more than if built by other standards. Some men felt that such a car meant ruin for the maker.

But he gave this car the best he knew after 27 years of car building. He built it to mark his limit. He gave it vast over-

He built it to endure -to run year after year as well as it runs when new. He built it to save the average user hundreds of dollars in upkeep. All because he believed that men were tired of troubles, and they wanted an honest car.

And They Did

The demand for this car, from the very first, has exceed-ed the factory output. At times five buyers waited for every car we built.

Now tens of thousands are in use. Legions of men know from experience how this car stays new. These men have told others. And now-in midsummer—we have on hand 3,000 urgent orders. To meet the demand we are adding to our factory three enormous

Mr. Olds was right. Men wanted e well-built car. Many a rival has met with disaster because the cars were skimped The Reo Company has grown to be one of the greatest concerns in the industry.

Look Inside

When you buy a car, look at the hidden parts. There lies the value of a car. In Reo the Fifth you will find steel made to formula. You will find gears

You will find vast over chine. capacity-big margins of safe-ty. You will find 15 roller bearings-190 drop forgings. You will find the most careful, most costly construction.

But all this saves you trouble. It saves you upkeep and repairs. It makes the car enduring. Reo the Fifth, with proper care, should keep its newness for years and years.

Any man who investigatesany man who compares-will want his car built like this.

Not Costly Now

Reo the Fifth, with full equipment, costs \$220 less than it used to cost. This has been saved by enormous production, and by confining our plant to this model. Now it offers at a modest price the very utmost

We have added greatly to the beauty, the finish, the equip-ment. Outside as well as inside it is now the super-car.

We have dealers in 1155 towns. Ask us for name of Also for Reo Magazine showing how this car is

Reo Features

Streamline body.

Electric starter and lights.

Electric hora.

One-rod coutrol.

SS horacpower.

Tires 34 x 4.

16 roller bearings.

150 drop forgings.

Dimming searchlights.

Mother top and carteins.

Clear vision windshield.

Speedometer—extra rim—improved tire bracket—tool and tree suffit—foot and robe rail, etc.

5-passenger touring oar.

2-passenger roadster.

Franklin-Fowlkes Motor Co.

Madison 5388

1649 W. Broad St.